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Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
**STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) & 1.27(b))—INDEPENDENT INVENTOR**
**Docket Number (Optional)  
62-231**
Applicant, Patentee, or Identifier: Randell L. MillsApplication or Patent No.: Filed herewithFiled or Issued: September 30, 1999Title: ONE ELECTRON ATOM CATALYSIS, INCREASED BINDING ENERGY  
COMPOUNDS, AND APPLICATIONS THEREOF

As a below named Inventor, I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

the specification filed herewith with title as listed above.  
 the application identified above.  
 the patent identified above.

I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

No such person, concern, or organization exists.  
 Each such person, concern, or organization is listed below.

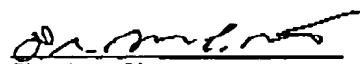
Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

Randell L. Mills  
 NAME OF INVENTOR

NAME OF INVENTOR

NAME OF INVENTOR

  
 Signature of Inventor

Signature of Inventor

Signature of Inventor

September 30, 1999  
 Date

Date

Date

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Sep-26-2000 03:25pm From: FARKAS &amp; MANELLI

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T-789 P.002/002 F-381

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED "ONE ELECTRON ATOM CATALYSIS, INCREASED BINDING ENERGY COMPOUNDS, AND APPLICATIONS THEREOF" the specification of which was filed herewith, as attorney docket no. 62-231-1EL.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application.

I hereby claim domestic priority benefit under 35 U.S.C. 120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application.

<u>PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)</u>		<u>Status</u>	<u>Priority Claimed</u>
<u>Application No. (series code/serial no.)</u>	<u>Day/MONTH/Year Filed</u>		<u>Yes</u> <u>No</u>
60/156,942	30/09/1999	Pending, abandoned, patented Pending	X

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the registered practitioners represented by customer no.: 20736 of the law firm Farkas & Manelli, PLLC to prosecute this application and transact all business in the U.S. Patent and Trademark Office in connection therewith. Direct all correspondence to:

Jeffrey S. Melcher  
Farkas & Manelli, PLLC  
2000 M Street, N.W., 7<sup>th</sup> Floor  
Washington, D.C. 20036-3307

1. INVENTOR'S SIGNATURE: John M. Randell Date 8/26/00

<u>Inventor's Name (typed)</u>	Randell	L.	Mills	<u>U.S.A.</u>
	First	Middle Initial	Family Name	Country of Citizenship

<u>Residence (City)</u> Cranbury	<u>(State/Foreign Country)</u> New Jersey
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